

MONTANA

				Montana			U.S.			Range of State Scores	
				baseline	update	progress?	baseline	update	progress?	baseline	update
GOAL 1 Ready to Learn											
1. Has the percentage of infants born in the state with 1 or more of 4 health risks decreased? (1990 vs. 1997)*				38%	37%	↔	37%	33%	↑	25-48%	24-45%
2. Has the percentage of fully immunized 2-year-olds increased? (1994 vs. 1997)				75%	75%	↔	75%	78%	↑	61-88%	71-87%
3. Has the percentage of infants born at low birthweight decreased? (1990 vs. 1997)				6%	6%	↔	7%	8%	↓	5-15%	3-13%
4. Has the percentage of mothers receiving early prenatal care increased? (1990 vs. 1997)				76%	83%	↑	76%	83%	↑	47-87%	57-90%
5. Has the number of children with disabilities in preschool (per 1,000 3- to 5-year-olds) increased? (1991 vs. 1998)				46	50	↑	■	■		16-68	14-96
GOAL 2 School Completion											
6. Has the high school completion rate increased? (1990 vs. 1997)				93%	91%	↔	86%	85%	↔	77-96%	75-95%
7. Has the high school dropout rate decreased? (1996 vs. 1997)*				6%	5%	↑	■	■		2-12%	3-12%
GOAL 3 Student Achievement and Citizenship											
8. Reading: Has the percentage of students scoring at or above Proficient increased											
• in Grade 4? (1994 vs. 1998)*				35%	37%	↔	30%	31%	↔	8-41%	8-46%
• in Grade 8? (1998)				38%	—		33%	—		10-42%	—
9. Writing: Has the percentage of students scoring at or above Proficient increased											
• in Grade 8? (1998)				25%	—		27%	—		9-44%	—

KEY

- ↑ Significantly better
- ↓ Significantly worse
- ↔ Interpret with caution. Change was not statistically significant.*

■ Comparable national data are not available.

— Data not available.

* Baseline years and most recent update years may differ by state for this indicator. See Appendix B for more information.

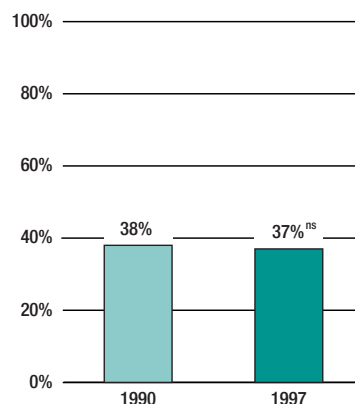
❖ See pages 245-246 for an explanation of statistical significance.

See pages 16-19 for a Guide to Reading the State Pages.

See Appendix B for technical notes and sources.

Children's Health Index

Percentage of infants born with 1 or more of 4 health risks¹ (Indicator 1)

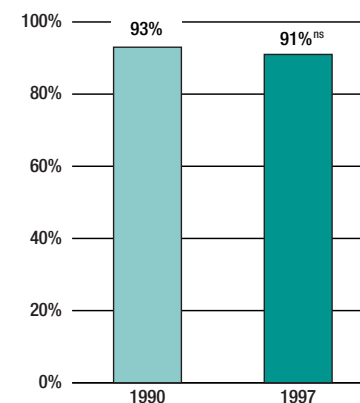


¹ Risks are: late (in third trimester) or no prenatal care, low maternal weight gain (less than 21 pounds), mother smoked during pregnancy, or mother drank alcohol during pregnancy.

^{ns} Interpret with caution. Change was not statistically significant.

High School Completion

Percentage of all 18- to 24-year-olds¹ who have a high school credential² (Indicator 6)



¹ Does not include those still in high school.

² Includes traditional high school diploma and alternative credential.

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GOAL 3 Student Achievement and Citizenship (continued)								
10. Mathematics: Has the percentage of students scoring at or above Proficient increased								
• in Grade 4? (1996)*	22%	—		21%	—		3-31%	—
• in Grade 8? (1990 vs. 1996)*	27%	32%	↑	15%	24%	↑	1-27%	5-34%
11. Science: Has the percentage of students scoring at or above Proficient increased								
• in Grade 8? (1996)	41%	—		29%	—		5-41%	—
12. Has the number of Advanced Placement examinations receiving a grade of 3 or higher (per 1,000 11th and 12th graders) increased? (1991 vs. 1999)	26	45	↑	55	97	↑	9-177	19-244
GOAL 4 Teacher Education and Professional Development								
13. Has the percentage of public secondary school teachers who hold								
• a degree in their main teaching assignment increased? (1991 vs. 1994)	69%	64%	↔	66%	63%	↓	51-85%	50-81%
• a teaching certificate in their main teaching assignment increased? (1991 vs. 1994)	98%	98%	↔	94%	93%	↓	91-100%	89-100%
14. Has the percentage of public school teachers participating in professional development programs on 1 or more selected topics increased? (1994)	86%	—		85%	—		76-98%	—
15. Has the percentage of public school teachers with training to teach limited English proficient students increased? (1994)	19%	—		16%	—		4-81%	—
16. Has the percentage of public school teachers participating in formal teacher induction programs during their first year of teaching increased? (1991 vs. 1994)	10%	9%	↔	22%	27%	↑	6-42%	7-48%

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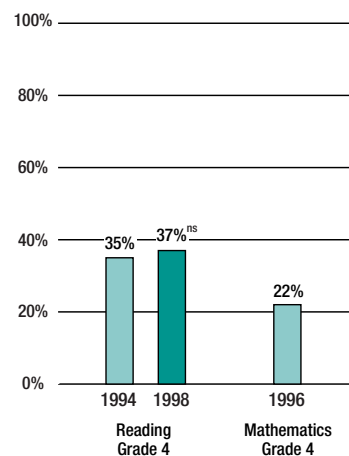
— Data not available.

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Student Achievement

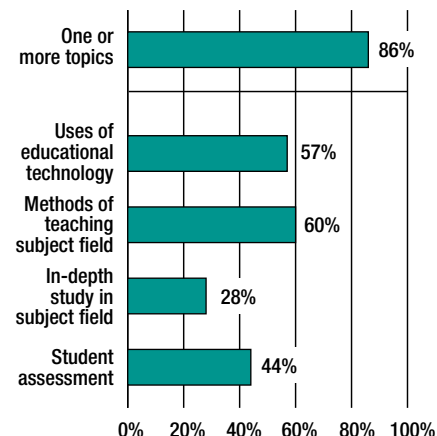
Percentage of public school students scoring at or above Proficient in reading and mathematics (Indicators 8 & 10)



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Professional Development

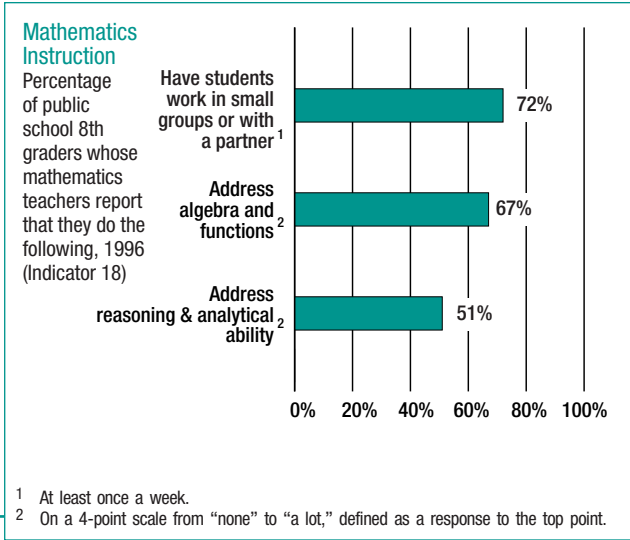
Percentage of public school teachers participating in professional development on the following topics¹, 1994 (Indicator 14)



¹ Since the end of the previous school year.

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GOAL 5	Mathematics and Science								
17.	Has the state's international standing improved in <ul style="list-style-type: none">Grade 8 mathematics achievement? (1996)Grade 8 science achievement? (1996)	6 out of 41 countries would be expected to score above Montana 1 out of 41 countries would be expected to score above Montana			20 out of 40 countries scored above the U.S. 9 out of 40 countries scored above the U.S.			6-38 countries	—
18.	Has the percentage of public school 8th graders whose mathematics teachers report that they <ul style="list-style-type: none">have students work in small groups or with a partner increased? (1996)address algebra and functions increased? (1996)address reasoning and analytical ability increased? (1996)	72%	—		66%	—		45-92%	—
		67%	—		57%	—		45-82%	—
		51%	—		52%	—		39-64%	—
19.	Has the percentage of public school 8th graders who have computers available in their mathematics classroom increased? (1996)	39%	—		30%	—		7-54%	—
20.	Has the percentage of mathematics and science degrees awarded to <ul style="list-style-type: none">all students increased? (1991 vs. 1996)minority (Black, Hispanic, American Indian/Alaskan Native) students increased? (1991 vs. 1996)female students increased? (1991 vs. 1996)	38%	45%	↑	39%	43%	↑	25-49%	16-54%
		39%	52%	↑	39%	40%	↑	22-64%	24-57%
		29%	38%	↑	35%	41%	↑	23-46%	15-52%
GOAL 6	Adult Literacy and Lifelong Learning								
21.	Has the percentage of adults scoring at the 3 highest levels in prose literacy increased? (1992)	—	—		52%	—		46-77%	—
22.	Has the percentage of U.S. citizens who report that they <ul style="list-style-type: none">registered to vote increased? (1988 vs. 1996)voted increased? (1988 vs. 1996)	76%	76%	↔	70%	71%	↑	58-95%	61-91%
		69%	68%	↔	61%	58%	↓	50-74%	47-69%



KEY

↑

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↓

Significantly worse

↔

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♦ Indicators are not the same at the national and state levels.
— Data not available.
♦ See pages 245-246 for an explanation of statistical significance.
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GOAL 6 Adult Literacy and Lifelong Learning (continued)								
23. Has postsecondary enrollment increased? (1992 vs. 1996)	51%	56%	↑	◆	◆		33-68%	40-73%
GOAL 7 Safe, Disciplined, and Alcohol- and Drug-free Schools								
24. Has student marijuana use decreased? (1993 vs. 1997)*	14%	27%	↓	◆	◆		7-21%	12-35%
25. Has student alcohol use (5 or more drinks in a row) decreased? (1993 vs. 1997)*	41%	44%	↔	◆	◆		9-44%	11-45%
26. Has the availability of drugs on school property decreased? (1993 vs. 1997)*	22%	35%	↓	◆	◆		11-31%	15-42%
27. Has the percentage of students threatened or injured with a weapon while on school property decreased? (1993 vs. 1997)*	7%	7%	↔	◆	◆		6-15%	5-13%
28. Has the percentage of students involved in physical fights on school property decreased? (1993 vs. 1997)*	17%	14%	↔	◆	◆		13-39%	11-34%
29. Has the percentage of students carrying weapons on school property decreased? (1993 vs. 1997)*	14%	12%	↔	◆	◆		8-18%	5-17%
30. Has the percentage of students who do not feel safe at school decreased? (1993 vs. 1997)*	3%	4%	↓	◆	◆		3-23%	3-13%
31. Has teacher victimization decreased? (1994)	9%	—		15%	—		8-26%	—
32. Have student disruptions that interfere with teaching decreased? (1991 vs. 1994)	35%	33%	↔	37%	46%	↓	23-60%	33-65%
GOAL 8 Parental Participation								
33. Has the percentage of schools with minimal parental involvement decreased, according to								
• public school teachers? (1991 vs. 1994)	17%	18%	↔	◆	◆		9-44%	13-50%
• public school principals? (1991 vs. 1994)	7%	15%	↓	◆	◆		4-22%	3-27%
34. Has the influence of parent associations on school policy increased? (1991 vs. 1994)	12%	16%	↔	◆	◆		8-37%	12-50%

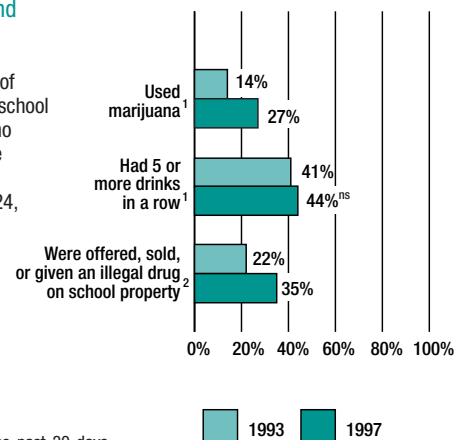
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Alcohol- and Drug-free Schools

Percentage of public high school students who reported the following (Indicators 24, 25, & 26)



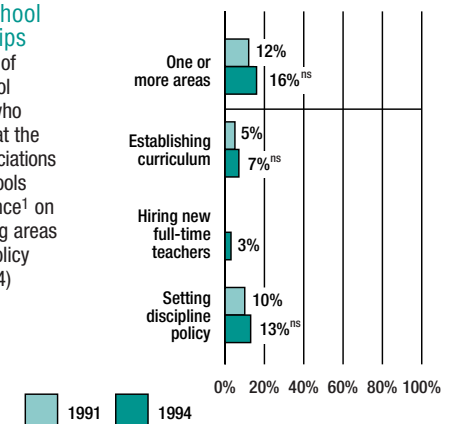
¹ During the past 30 days.

² During the past 12 months.

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Parent-School Partnerships

Percentage of public school principals who reported that the parent associations in their schools have influence¹ on the following areas of school policy (Indicator 34)



¹ On a 6-point scale from "no influence" to a "great deal of influence," defined as a response to the top two points.

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